

Comparisons of Job Characteristics

Focus Occupation: Bicycle Repairers (49-3091)

Associated Occupation: Tire Repairers and Changers (49-3093)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 84

Focus Occupation: Bicycle Repairers (49-3091)

Associated Occupation: Tire Repairers and Changers (49-3093)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	16.1	17.6	0 Current knowledge level may be sufficient
Transportation	4.6	6.1	5.2	< Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 62

Focus Occupation: Bicycle Repairers (49-3091)

Associated Occupation: Tire Repairers and Changers (49-3093)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	8.9	6.0	<< Extensive development of skills in this area may be required
Troubleshooting	4.5	7.4	10.1	>> Skill level is likely more than sufficient
Repairing	3.4	7.1	12.6	>> Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 57

Focus Occupation: Bicycle Repairers (49-3091)

Associated Occupation: Tire Repairers and Changers (49-3093)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Trunk Strength	5.7	11.5	7.7	<<	Extensive improvement in abilities may be required
Static Strength	5.0	11.4	6.8	<<	Extensive improvement in abilities may be required
Extent Flexibility	4.8	11.1	7.7	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	11.1	6.7	<<	Extensive improvement in abilities may be required
Manual Dexterity	6.5	10.7	12.0	>	Current ability level is likely sufficient
Stamina	4.0	7.0	4.0	<<	Extensive improvement in abilities may be required
Speed of Limb Movement	3.2	6.7	4.4	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Bicycle Repairers (49-3091)
Associated Occupation: Tire Repairers and Changers (49-3093)

Work Activities	Exclusivity of Activity
Adhere to safety procedures	12
Estimate time or cost for installation, repair, or construction projects	54
Fabricate, assemble, or disassemble manufactured products by hand	11
Move or fit heavy objects	8
Perform safety inspections in industrial, manufacturing or repair setting	32
Read work order, instructions, formulas, or processing charts	9
Repair or install tires	92
Use hand or power tools	2
Use knowledge of metric system	39
Use oral or written communication techniques	1

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Bicycle Repairers (49-3091)
Associated Occupation: Tire Repairers and Changers (49-3093)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.